

# LinkRunner AT Network Auto-Tester

## Key features include:

- Multiple user-configured AutoTests
- Cable length measurement, fault location and fault type
- TruePower™ Power over Ethernet (PoE) measurement
- Ethernet speed and duplex verification at 10/100/Gigabit rates
- Twisted pair and fiber-optic link testing
- Nearest switch identification
- DHCP, DNS and Gateway connectivity tests
- Ping and TCP port connectivity tests to up to 10 user-selected targets
- Results saved on the tester or uploaded to the Link-Live Cloud Service with zero-touch
- Results, project and staff management using the Link-Live Cloud Service
- Packet reflection at rates up to 1 Gbps



Network technicians and desktop support professionals are under ever-increasing pressure to deploy new infrastructure and ensure user satisfaction.

To address these challenges, LinkRunner™ AT Network Auto-Tester provides quick and complete copper and fiber-optic network connectivity testing. This rugged, handheld network tester speeds troubleshooting and reporting with a complete one-button AutoTest and zero-touch Link-Live cloud reporting. The AutoTest performs your required set of connectivity tests in 10 seconds, enabling you to quickly and accurately identify and solve network connectivity problems. Cloud reporting automatically uploads results to the Link-Live Cloud Service for project management and reporting.

## Feature

Basic Test	10/100/100 RJ45 interface	✓
	Solicit PoE voltage (802.3af)	✓
	Link/DHCP/gateway	✓
	Nearest switch (CDP/LLDP)	✓
	Ping/TCP Port single target	✓
	Ping responder	✓
UX	Color Display	✓
	AA battery pack	✓
	Lithium-Ion rechargeable battery	option
Cable Test	Length and distance to fault	✓
	Flash switch port	✓
	Integrated patch cable test	✓
	WireView office ID/wiremap	option
	Toning (analog and IntelliTone)	✓
Configurable	Configurable PoE class (802.3at)	✓
	Configurable link speed/duplex	✓
	Configurable MAC address	✓
	Configurable VLAN ID	✓
	Configurable 802.1X security	✓
AutoTest	Continuous testing w/stats	✓
	1 Ping/TCP target (up to 10)	✓
	AutoTest profiles (up to 10)	✓
Reports	Results saved locally on tester	10
	LinkRunner AT Manager PC Software	✓
	Link-Live Cloud Reporting	✓
	Link-Live Cloud Service	✓

# Technical Specifications

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## Environmental

<b>Operating Temperature and Relative Humidity</b>	32°F to 113°F (0°C to +45°C) Note: The Li-ion battery will not charge if the internal temperature of the tester is above 113°F (45°C)
<b>Operating Relative Humidity (% RH without condensation)</b>	90% (50°F to 95°F; 10°C to 35°C) 75% (95°F to 113°F; 35°C to 45°C)
<b>Storage Temperature</b>	-4°F to 140°F (-20°C to +60°C)
<b>Shock and Vibration</b>	Random, 2 g, 5 Hz-500 Hz (Class 2) 1 m drop
<b>Safety</b>	EN 61010-1 2nd edition
<b>Safety</b>	EN/IEC 60825-1:2007, EN/IEC 60825-2:2004+ A1:2007 (LRAT-2000 only)
<b>Altitude</b>	4,000 m; Storage: 12,000 m
<b>EMC</b>	FCC Part 15 Class A, EN 61326-1
<b>Certifications and Compliance</b>	Conforms to relevant European Union directives Conforms to relevant Australian standards Listed by the Canadian Standards Association

## General

<b>Media Access: Copper</b>	RJ-45: 10BASE-T, 100BASE-TX, 1000BASE-T and PoE (IEEE 802.3af and 802.3at)
<b>Media Access: Fiber</b>	SFP Adapter Port supports 100BASE-FX and 1000BASE-LX/SX/ZX (LRAT-2000 Only)
<b>Cable Tests</b>	Pair lengths, opens, shorts, splits, crossed, straight through and cable ID
<b>Dimensions</b>	3.5 in x 7.8 in x 1.9 in (8.9 cm x 19.8 cm x 4.8 cm)
<b>Weight</b>	18 oz (0.5 kg)
<b>Li-ion Battery</b>	Removable, rechargeable li-ion battery pack (18.5 Watt-hrs). Typical operating life is 6 hours; Typical charge time is 3 hours
<b>AA Battery</b>	Removable AA battery pack. Typical operating life is 3 hours
<b>External AC Adapter/Charger</b>	AC input 90 to 264 Vac 48 to 62 Hz input power DC output 15 Vdc at 1.2 amps
<b>Display</b>	2.8 in color LCD (320 x 240 pixels)
<b>Keypad</b>	12-key elastomeric
<b>LEDs</b>	2 LEDs (Link and Receive/Transmit indicators)
<b>Host Interface</b>	USB 5-pin mini-B

LinkRunner AT Manager Software	
Supported Operating Systems	Windows® Vista, Windows® XP, Windows® 7, Windows® 8, Windows® 10
Processor	400 MHz Pentium processor or equivalent (minimum); 1 GHz Pentium processor or equivalent (recommended)
RAM	96 MB (minimum); 256 MB (recommended)
Hard Disk	Up to 500 MB of available space may be required
Display	1024 x 768 high color, 32-bit (recommended)